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an address manager for establishing the translation rule by associating the internal address valid in the first address realm with the address valid in the second address realm; and a control channel communicating with the address manager for receiving from the first application a service request message for the address valid in the second address realm to be associated with the internal address of the first application valid in the first address realm and for providing the first application access to the requested address valid in the second address realm to facilitate the first application's communication of the address valid in the second address realm as message packet data to the second application.

15. (Twice Amended) A method for facilitating message packet communication between a first application having an internal address valid in a first address realm and a second application in a second address realm comprising:

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providing the first address realm with a network address translation device having an address translator for translating the internal address of the first application valid in the first address realm into an address valid in the second address realm based on a translation rule and for translating the address valid in the second address realm into the internal address valid in the first address realm;

providing an address manager in communication with the address translator for establishing the translation rule by associating the internal address valid in the first address realm with the address valid in the second address realm;

providing a control channel communicating with the address manager;

receiving at the address manager from the first application via the control channel a service request message for the address valid in the second address realm to be associated with the internal address of the first application valid in the first address realm; and

providing the first application access to the address valid in the second address realm to facilitate the first application's communication of the address valid in the second address realm as message packet data to the second application.

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30. (Renumbered, then amended) A system for establishing message packet communication between a first application having an internal address valid in a first address realm and a second

application in a second address realm, wherein the first address realm has an address translator for translating the internal address of the first application valid in the first address realm into an address valid in the second address realm based on a translation rule and for translating the address valid in the second address realm into the internal address valid in the first realm, comprising:

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an address manager for establishing the translation rule by associating the internal address valid in the first address realm with the address valid in the second address realm;  
a control channel communicating with the address manager; and  
software operatively associated with the first application for communicating to the address manager via the control channel a service request message for the address valid in the second address realm to be associated with the internal address of the first application valid in the first address realm, for receiving access to the requested address valid in the second address realm, and for controlling communication of the address valid in the second address realm.

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38. (Twice amended) The system of claim 30, wherein the software controls communication of the address valid in the second address realm to facilitate peer-to-peer application communication.